

IN THE CLAIMS

Claims 61, 63, 65 and 74 have been amended as follow:

1. [Original] An ocular scleral prosthesis comprising
an elongated body adapted to be implanted in an elongated pocket surgically formed
within scleral tissue of an eye, said pocket being formed in the zone of the globe of said eye exterior
to the ciliary body and extending generally circumferentially of said zone for a predetermined length,
said pocket having a base comprised of inner layers of said scleral tissue, a flap
formed from outer layers of said scleral tissue, an anterior margin and a posterior margin,
said elongated body having a first surface and a second surface opposite said major
surface, said first surface and said second surface being adapted to contact said base and said flap
of said scleral pocket,
said first surface and said second surface being separated by a distance sufficient to
elevate said flap and exert outwardly directed traction on at least said anterior margin of said pocket.
61. [Amended] A prosthesis adapted for contact with the sclera of an eyeball, said
prosthesis comprising:
an elongated body having a first end, a second end, a first surface and a second
surface, said first surface and said second surface being adapted to contact said [scleral] sclera, and
means for expanding said contacted sclera to increase the effective working distance
of the ciliary muscle of the eyeball.
62. [Original] The prosthesis set forth in Claim 61 wherein said expanding means is one
of a ridge and a crest.
63. [Amended] The prosthesis set forth in Claim 61 wherein one of said first surface [an]
and said second surface is generally smooth and is adapted to contact ocular tissue within a pocket
surgically formed within the sclera of the eyeball.
64. [Original] The prosthesis set forth in Claim 61 wherein said prosthesis is one of
generally rectangular, semicircular, and elliptical.
65. [Amended] The prosthesis set forth in Claim 61 wherein one of said first surface and
said second surface comprises an anterior edge and a posterior edge, and said expanding means has
a maximum height above said [base] elongated body of one of: (i) intermediate between said anterior
edge and said posterior edge, (ii) less than halfway from said anterior edge to said posterior edge,
and (iii) at said anterior edge.

66. [Original] The prosthesis set forth in Claim 61 comprises a planform having a first dimension and a second dimension.

67. [Original] The prosthesis set forth in Claim 66 wherein one of said first surface and said second surface is planar.

68. [Original] The prosthesis set forth in Claim 66 wherein said expanding means extends along at least a portion of said first dimension.

69. [Original] The prosthesis set forth in Claim 66 wherein one of said first dimension is about 5 millimeters and said second dimension is about 2 millimeters.

70. [Original] The prosthesis set forth in Claim 61 wherein said prosthesis is made of one of a physiologically acceptable metal, a ceramic material, a synthetic resin, a reinforced composite material, and a flexible material.

71. [Original] The prosthesis set forth in Claim 61 wherein said prosthesis is provided with an internal cavity.

72. [Original] The prosthesis set forth in Claim 71 wherein said internal cavity is filled with one of a fluid and a gel.

73. [Original] The prosthesis set forth in Claim 71 wherein said internal cavity is filled with one of water, a saline solution, an oil, silicone, collagen, and gelatin.

74. [Amended] A prosthesis for surgical implant into a pocket in the sclera of an eyeball, said prosthesis comprising an elongated body having a first end, a second end, a first surface and a second surface, said first surface and said second surface being adapted to contact said [scleral] sclera, said implanted prosthesis [applying] configured to apply an outward force on said scleral pocket to elevate the portion of the sclera attached thereto to increase the effective working distance of the ciliary muscle of the eyeball.

75. [Original] The prosthesis set forth in Claim 74 wherein said base further comprises an outer surface that is generally smooth and is adapted to contact ocular tissue within the scleral pocket.

76. [Original] The prosthesis set forth in Claim 74 wherein elongated body is one of generally rectangular, semicircular, and elliptical.

77. [Original] The prosthesis set forth in Claim 74 wherein one of said first surface and said second surface comprises an anterior edge and a posterior edge, and said prosthesis has a maximum height above said base of one of intermediate between said anterior edge and said posterior edge, less than halfway from said anterior edge to said posterior edge, and at said anterior edge.

78. [Original] The prosthesis set forth in Claim 74 comprises a planform having a first dimension, a second dimension, an inner surface and an outer surface.

79. [Original] The prosthesis set forth in Claim 78 wherein one of said first surface and said second surface is planar.